

REMARKS

Applicant respectfully requests reconsideration of this application as amended.

Claims 1, 4 and 9 have been amended. Claims 20 and 39-74 have been cancelled without prejudice. No new claims have been added. Therefore, claims 1-19, 21-38 and 75 are presented for examination.

35 U.S.C. § 103 Rejection

Claims 1-4, 23-25, 34 and 36-38 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, et al., U.S. Patent No. 6,636,502 (“Lager”) in view of Mijares, et al., U.S. Patent No. 6,683,881 (“Mijares”).

Claim 1, as amended, recites:

A system comprising:
a plurality of mobile stations;
at least one packet data network; and
a wireless access integrated node (WAIN) coupled to the plurality of mobile stations via a radio interface and coupled to the at least one packet data network via a network interface to provide an intermediating wired and/or wireless dedicated broadband connection between the plurality of mobile stations and the at least one packet data network, wherein the dedicated broadband connection implements a simplified protocol structure eliminating unnecessary intermediate protocol layers, wherein the WAIN is further to establish General Packet Radio Service (GPRS) communication between the plurality of mobile stations via a single interface, the single interface including the radio interface, the WAIN having a control module to control GPRS signaling and data transfer between the plurality of mobile stations.

(emphasis added)

Lager discloses “[a] switching device in a mobile radio communication system which supports a GPRS-network [and is allowed] to connect a terminal station of the mobile radio communication network with one of a plurality of packet data

communication networks.” (Abstract). Lager further discloses a “switching device [that] . . . contains a reception means for receiving the network indication parameter NIP indicating the predetermined packet data communication network from the first terminal station of the PLMNs.” (col. 12, lines 50-54; emphasis added)

Mijares discloses an “interface between an SS7 gateway and an IP network allow[ing] application layer data, such as MAP and TCAP message, to be transported unchanged through the interface. The invention also provides a protocol for transporting MAP and TCAP messages that eliminates the need for SS7 protocols, and in particular, eliminates the need to implement the Signaling Connection Control Part (SCCP).” (Abstract).

In contrast, claim 1, as amended, in pertinent part, recites “wherein the WAIN is further to establish General Packet Radio Service (GPRS) communication between the plurality of mobile stations via a single interface, the single interface including the radio interface, the WAIN having a control module to control GPRS signaling and data transfer between the plurality of mobile stations” (emphasis added). Lager and Mijares, neither individually nor when combined, teach or reasonably suggest at least this feature of claim 1. Accordingly, for at least this reason, Applicant respectfully requests the withdrawal of the rejection of claim 1 and its dependent claims.

Claims 21-22 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager and Mijares as applied to claim 1 above, and further in view of Swartz, U.S. Patent Publication No. 2003/0053444 (“Swartz”).

Claim 26 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Lager and Mijares as applied to claim 1 above, and further in view of McNiff, et al., U.S. Patent Publication No. 2003/0076808 (“McNiff”).

Claims 5-10, 12-14, 16, 27-33 and 75 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager and Mijares as applied to claim 1 above, and further in view of Pines, et al., U.S. Patent Publication No. 2003/0007625 (“Pines”).

Claims 11 and 15 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, Mijares and Pines as applied to claim 75 above, and further in view of Gaffney, U.S. Patent No. 6,333,919 (“Gaffney”).

Claim 17 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, Mijares and Pines as applied to claim 16 above, and further in view of Doviak, et al., U.S. Patent No. 6,418,324 (“Doviak”).

Claims 18 and 19 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, Mijares and Pines as applied to claim 16 above, and further in view of Swartz.

Claims 5-15, 16, 21-22, 26-33 and 75 depend from claim 1 and thus include all its limitations. Accordingly, Applicant respectfully requests the withdrawal of the rejection of claims 5-15, 16, 21-22, 26-33 and 75.

Claims 39-48, 50-52, 54 and 57-68 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, Mijares in view of Pines and Benveniste, U.S. Patent No. 6,775,549 (“Benveniste”).

Claims 49 and 53 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, Mijares, Pines and Benveniste as applied to claim 39, and further in view of Gaffney.

Claims 55-56 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lager, Mijares, Pines and Benveniste as applied to claim 39, and further in view of

Swartz.

Claim 39-68 have been cancelled without prejudice.

Conclusion

In light of the foregoing, reconsideration and allowance of the claims is hereby earnestly requested.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

Applicant respectfully petitions for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

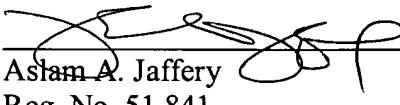
Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Aslam A. Jaffery
Reg. No. 51,841

12400 Wilshire Boulevard
7th Floor
Los Angeles, California 90025-1030
(303) 740-1980